PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	Verstegen, Monique, Maria, Andrea, et al.	Examiner:	Unassigned
Serial No:	10/070,523	Group Art Unit:	Unassigned
International Appl. No.	PCT NL00/00611	Docket:	294-123 PCT US
Filed:	March 4, 2002	Dated:	April 8, 2003
For:	IMPROVED METHODS AND MEANS FOR RETROVIRAL GENE DELIVERY		

Commissioner for Patents
Washington, DC 20231

I hereby certify this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to: Commissioner for Patents, Washington, DC 20231

on _____

Signature: _____

INFORMATION DISCLOSURE STATEMENT

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicants submit herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

NON-PATENT PUBLICATIONS

1. Bauer, Thomas, R., et al., "Retroviral-Mediated Gene Transfer of the Leukocyte Integrin CD18 Into Peripheral Blood CD34$^+$ Cells Derived From a Patient with Leukocyte Adhesion Deficiency Type 1", *Blood* 1998, 91(5):1520-1526.

2. Freie, Brian W., et al., "Correction of Fanconi Anemia Type C Phenotypic Abnormalities Using a Clinically Suitable Retroviral Vector Infection Protocol", *Cell Transplantation* 1996, 5(3):385-393.

3. Hanenberg, Helmut, et al., "Optimization of Fibronectin-Assisted Retroviral Gene Transfer into Human CD34$^+$ Hematopoietic Cells", *Human Gene Therapy* 1997, 8(18):2193-2206.

4. Hennemann, Burkhard, et al., "Optimization of retroviral-mediated gene transfer to human NOD SCID mouse repopulating cord blood cells through a systematic analysis of protocol variables", *Experimental Hematology* 1999, 27(5):817-825.

5. Kiem, Hans-Peter, et al., "Improved Gene Transfer Into Baboon Marrow Repopulating Cells Using Recombinant Human Fibronectin Fragment CH-296 in Combination with Interleukin-6, Stem Cell Factor, FLT-3 Ligand, and Megakaryocyte Growth and Development Factor", *Blood* 1998, 92(6):1878-1886.

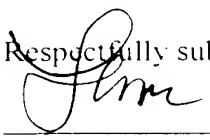
6. Takiyama, N., et al., "Comparison of methods for retroviral mediated transfer of glucocerebrosidase gene to CD34+ hematopoietic progenitor cells", *European Journal of Hematology* 1998, 61(1):1-6.

The above-referenced documents are listed on PTO Form 1449. We have enclosed the cited documents to facilitate reference to them. The Examiner is respectfully requested to consider these publications in their entirety, and to indicate that he or she has done so by initializing the enclosed form PTO 1449.

The Information Disclosure Statement is being submitted before issuance of the first Office Action. Therefore, it is believed that no fee is due, however, if a fee is due, the commissioner is hereby authorized to charge Deposit Account No. 08-2461 for any additional fees associated with this communication. A duplicate copy of this sheet is attached.

Applicants are not aware of any other references to be identified at this time. If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' agent at the telephone number set forth below.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 294-123 PCT/US	SERIAL NO. 10/070,523
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Verstegen, et al.	CONFIRMATION NO. 7211
(Use several sheets if necessary)	FILING DATE March 4, 2002	GROUP Unassigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	Bauer, Thomas, R., et al., "Retroviral-Mediated Gene Transfer of the Leukocyte Integrin CD18 Into Peripheral Blood CD34$^+$ Cells Derived From a Patient with Leukocyte Adhesion Deficiency Type 1", *Blood* 1998, 91(5):1520-1526.
		2.	Freie, Brian W., et al., "Correction of Fanconi Anemia Type C Phenotypic Abnormalities Using a Clinically Suitable Retroviral Vector Infection Protocol", *Cell Transplantation* 1996, 5(3):385-393.
		3.	Hanenberg, Helmut, et al., "Optimization of Fibronectin-Assisted Retroviral Gene Transfer into Human CD34$^+$ Hematopoietic Cells", *Human Gene Therapy* 1997, 8(18):2193-2206.
		4.	Hennemann, Burkhard, et al., "Optimization of retroviral-mediated gene transfer to human NOD/SCID mouse repopulating cord blood cells through a systematic analysis of protocol variables", *Experimental Hematology* 1999, 27(5):817-825.
		5.	Kiem, Hans-Peter, et al., "Improved Gene Transfer Into Baboon Marrow Repopulating Cells Using Recombinant Human Fibronectin Fragment CH-296 in Combination with Interleukin-6, Stem Cell Factor, FLT-3 Ligand, and Megakaryocyte Growth and Development Factor", *Blood* 1998, 92(6):1878-1886.
		6.	Takiyama, N., et al., "Comparison of methods for retroviral mediated transfer of glucocerebrosidase gene to CD34$^+$ hematopoietic progenitor cells", *European Journal of Hematology* 1998, 61(1):1-6.

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EXAMINER DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.